

# Uniphos Dosimeter Tube Data Sheet

Direct Reading Length of Stain Type

## Carbon Dioxide

CO<sub>2</sub>

LCD - 2

TWA (TLV): 5000 PPM

STEL (TLV): 30,000 PPM

Non Flammable

### Specification:

Measurement Range	(5-120) X 10 <sup>3</sup> ppm.hr
Sampling Method	Diffusion
Color Change	Blue → Off White
Shelf Life	2 years
Storage condition	Below 10°C (50°F)
Calibration condition	Calibrated at 20°C (68°F) and < 5 % RH.
Reaction Principle	CO <sub>2</sub> + NaOH → Na <sub>2</sub> CO <sub>3</sub> + H <sub>2</sub> O
Relative standard deviation	± 10 %

### Possible Interferences:

Compound	Concentration (%)	Interference	Colour change / Comments
CO	0.3	No	No Effect
NH <sub>3</sub>	5.0	No	No Effect

### Correction for Environmental Parameters:

Temperature	Not necessary between 0 - 40°C (32 - 104°F).
Relative humidity	Not necessary between 10 - 90 %.



**Manufactured By:** Uniphos Envirotronic Pvt. Ltd.(100% EOU)  
Nahuli (PO), Umbergaon (Tal.)  
Valsad (Dist), Gujarat, India – 396108

Rev.0717